

BOROUGH OF BASINGSTOKE



ANNUAL REPORT
OF THE
MEDICAL OFFICER
OF HEALTH

for the year

1970

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GENERAL PURPOSES COMMITTEE

THE WORSHIPFUL THE MAYOR (CLLR. R. V. C. MORRIS)

COUNCILLOR J. W. LUDGATE (*Chairman*)

ALDERMAN D. J. WEALE (*Vice-Chairman*)

ALDERMAN H. REDSTALL

COUNCILLOR H. JACKSON

COUNCILLOR D. A. KEEP

COUNCILLOR Miss N. K. LAWFORD

COUNCILLOR W. F. SALTER

COUNCILLOR B. L. SOANE

COUNCILLOR L. J. WESTOBY

PUBLIC HEALTH DEPARTMENT STAFF

Medical Officer of Health

T. E. ROBERTS, M.B., M.R.C.S., D.(OBST).R.C.O.G., D.P.H., D.M.J. (also Medical Officer of Health to Basingstoke Rural District Council and Assistant County Medical Officer, Hampshire County Council).

Chief Public Health Inspector

C. H. DAVID, M.A.P.H.I.
(also Petroleum and Shops Act Inspector)

Deputy Chief Public Health Inspector

G. R. HUGHES, M.A.P.H.I.

Additional Public Health Inspectors

P. YEATS, M.A.P.H.I. (resigned 22nd November, 1970)

G. EVANS, M.A.P.H.I.

G. J. SILVER, M.A.P.H.I.

Clerical Staff

MISS E. A. TATLOW (Chief Clerk)

MRS. C. PURCHASE

MRS. M. RIGLER (resigned 31st May, 1970)

MRS. S. WELCH

MRS. D. KNIGHT

Rodent Operative

P. FAULKNER

TEL. NO. BASINGSTOKE 3232

*To the Mayor, Aldermen and Councillors
of the Borough of Basingstoke.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have much pleasure in presenting my Annual Report on the health of your Borough for the year 1970.

Vital Statistics

For the third successive year, the number of registered births exceeded one thousand. The figure of 1,090 was the highest ever recorded for the Borough. The birthrate per 1,000 population rose from 23.4 in 1969 to 24.6.

The annual increase in population as reported by the Registrar General in his mid-year estimate was only 730. An administrative error in the requested returns was discovered too late in the year to allow his figure to be rectified.

The annual end of year estimate of population undertaken by the Public Health Department was 52,020. In view of the preliminary findings of the Census reported four months later, this figure must be considered a true picture of the population increase.

The age pattern of confined mothers followed the pattern started during the previous year.

	1970	1969	1968	1967	1966
A	27	30	16	16	13
B	60	63	47	47	40

(A and B number of mothers whose age at confinement was less than 22 and 26 years respectively — expressed as a percentage of all confined mothers.)

The mortality pattern does not highlight any specific problem which differs from the national picture. As in the previous year, 64% of all deaths occurred in the over 65's. Diseases of the heart and circulation accounted for nearly 50% of all deaths.

The young age of the population is reflected in the uncorrected death rate for the Borough being 7.6 per thousand, 4.1 less than the average for England and Wales.

Social and Environmental Circumstances

Although there has been some disagreement on the need to vaccinate whole communities against Influenza, it is generally conceded that certain groups of the population, e.g., the elderly, should be offered this protection.

Through the very good offices of the Basingstoke Old People's Welfare Committee and the co-operation of the Local General Practitioners and Hampshire Executive Council, teams of Nurses visited five Old People's Centres during one week in October. Over 1,000 persons were vaccinated. The procedure was such an administrative

success, due in the main to the voluntary assistance that was forthcoming, that it is now possible to organise this campaign each year.

A matter of disturbing importance occurred during the year when a report was received that a number of open metal containers were unearthed during excavations for road development. Investigations showed the canisters to contain deposits of cyanide buried some years ago by a factory and in an area situated near to the town water supply.

It was apparent that a hazardous situation had arisen and immediate contact was made with the Police, Government Departments, County Council, the Water Board and other public utilities.

Immediate steps were taken to test the soil in the vicinity of the Water Board's Pumping Station and four-hourly checks were instituted by the Water Board on the town water supply. Samples were also taken from a nearby water course. It is apparent that no traces of cyanide were found in any of the water samples taken by the Water Board and only small traces of cyanide were found in the water course samples which were submitted to the laboratory at the Water Pollution Control Works. Discussions with the Department of Health and Social Security, Ministry of Housing and Local Government and the Hampshire County Council resulted in all the contaminated soil (some 4,000 cubic yards) being removed to a site for safe disposal.

Once again it is a pleasure to pay tribute to the help I have received from the Public Health Inspectorate and the Administrative Staff of my Department. This, with the understanding of the General Purposes Committee and the co-operation of the General Practitioners and Voluntary Services in the town, not only lightens my task, but makes its execution much more pleasant.

I have the honour to be,

Your obedient servant,

T. E. ROBERTS

Medical Officer of Health.

STATISTICS OF THE AREA

	1970	1969	1968	1967	1966
Area in Acres	5,677	5,580	5,580	5,580	5,580
Population:					
Registrar's Estimate, Mid-Year	44,300	43,570	40,910	38,230	35,420
Public Health Department, End of Year	52,020	45,930	43,060	39,790	37,020
Number of Inhabited Houses (as at April 1st)	15,599	14,964	13,828	13,023	11,893
Rateable Value (as at April 1st)	£ 2,883,277	£ 2,575,344	£ 2,278,865	£ 2,100,030	£ 1,876,358
Product of a Penny Rate (Estimated for Financial Year)	£ 11,750	£ 11,625	£ 10,375	£ 9,100	£ 8,450

VITAL STATISTICS

	1970	1969	1968	1967	1966
Live Births	1090	1020	1026	950	847
Live Birth Rate per 1,000 population	24.6	23.4	25.1	24.8	23.91
Average for England and Wales	16.0	—	—	—	—
Still Births—Legitimate	14	11	14	7	15
Illegitimate	Nil	Nil	1	1	1
Total	14	11	15	8	16
Total Live and Still Births	1104	1031	1041	958	863
Still Birth Rate per 1,000 Live and Still Births	13.0	10.6	14.6	8.3	18.5
Average for England and Wales	13.0	13.0	14.3	14.8	15.4
Infant Deaths	17	22	12	18	15
Infant Mortality Rate per 1,000 Live Births —					
Legitimate	17.0	17.6	9.7	16.8	16.5
Illegitimate	Nil	2.0	2.0	2.1	1.1
Total	17.0	19.6	11.7	18.9	17.6
Average for England and Wales	18.0	18.0	18.0	18.3	19.0
Neonatal (First Four Weeks) Mortality Rate per 1,000 Live Births	13.0	15.6	8.7	8.4	5.9
Average for England and Wales	12.0	12.0	12.3	12.5	Nil
Early Neonatal (Deaths under one week) Mortality Rate per 1,000 Live Births	8.0	13.7	8.7	7.3	5.9
Average for England and Wales	11.0	10.0	—	—	—
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined) per 1,000 Live and Still Births	21.0	24.2	23.0	15.6	24.3
Average for England and Wales	23.0	23.0	25.0	25.4	—
Illegitimate Live Births % of Total Live Births	4.0	4.2	6.2	6.3	3.8
Average for England and Wales	8	—	—	—	—
Maternal Deaths (including Abortion	Nil	Nil	Nil	Nil	Nil
Maternal Mortality Rate per 1,000 Live and Still Births	Nil	Nil	Nil	Nil	Nil
Comparability Factors — Births	0.78	0.78	0.78	0.79	0.81
Comparability Factors — Deaths	1.57	1.58	1.58	1.51	1.42

Births

	Male	Female	1970	1969	1968	1967	1966
Live Births —							
Legitimate	539	502	1041	977	962	890	814
Illegitimate	28	21	49	43	64	60	33
Birth rate per 1,000 total population (corrected)			19.2	18.3	19.6	19.6	19.36
Average for England and Wales			16.0	16.3	16.9	17.2	17.7

NOTIFICATION OF BIRTHS

	1970	1969	1968	1967	1966
Born at the Shrubbery					
Maternity Home	523	609	643	610	525
Born at home	86	166	196	170	158
Born at Royal Hampshire County Hospital	8	166	154	190	167
Born elsewhere outside the Borough	19	194	1	1	3
Born at Basingstoke Mini Hospital	372	—	—	—	—
	<u>1008</u>	<u>1135</u>	<u>994</u>	<u>971</u>	<u>853</u>

POSITION OF BIRTH IN THE FAMILY

	1st	2nd	3rd	4th	5th & Over
1970	379	333	184	73	39
1969	491	334	171	92	47
1968	343	324	204	71	52
1967	344	344	173	64	46
1966	289	309	142	62	51

PLACE WHERE INDIVIDUAL BIRTHS OCCURRED

(Expressed as Percentages)

	1st	2nd	3rd	4th	5th & Over
Shrubbery M.H.	52.4 (49.0)	55.8 (62.5)	51.6 (47.1)	41.0 (51.0)	33.3 (61.7)
R.H.C.H.	0.8 (12.0)	0.9 (9.5)	0.7 (19.8)	2.9 (—)	— (38.3)
Mini Hospital	42.2 (—)	28.2 (—)	33.5 (—)	42.4 (—)	64.1 (—)
Home	1.6 (3.6)	13.5 (23.6)	13.5 (26.9)	12.3 (23.9)	2.6 (—)
Outside Borough	3.0 (35.4)	1.6 (4.4)	0.7 (6.2)	1.4 (25.1)	— (—)

() indicates figures for 1969

For the first time the location of children of Borough resident mothers born outside the Borough, are now sub-divided into Mini Hospital, Royal Hampshire County Hospital and Other.

Ninety five per cent of all 1st births and ninety seven per cent of 5th and over births occurred in hospital. When the location of all births are considered, it is noted that at least eighty nine per cent of births took place in hospital.

AVERAGE AGE OF MOTHERS AT EACH CONFINEMENT

Up to 20 years	140 (310) (150)	29 — 30 years	71 (97) (76)
21 — 22 years	162 (176) (155)	31 — 32 years	51 (53) (62)
23 — 24 years	189 (162) (167)	33 — 35 years	59 (43) (51)
25 — 26 years	172 (147) (170)	36 — 40 years	38 (45) (49)
27 — 28 years	117 (93) (106)	41 and over	9 (9) (8)

() indicates figures for 1969 and 1968

Deaths

	Male	Female	1970	1969	1968	1967	1966
From all causes	172	166	338	310	309	270	272
Death rate per 1,000 population	7.6	—	—	—	—	—	—
Death rate per 1,000 population (corrected)	11.9	11.2	11.8	7.0	10.9		
Average for England and Wales	11.7	11.9	11.9	11.2	11.7		

ANALYSIS OF CAUSES OF DEATH

Code No.	Disease	Male	Female	Total
B18	Other Infective and Parasitic Diseases	1	2	3
B19 (1)	Malignant Neoplasm, Buccal Cavity Etc.	2	—	2
B19 (3)	Malignant Neoplasm, Stomach	4	4	8
B19 (4)	Malignant Neoplasm, Intestine	7	6	13
B19 (6)	Malignant Neoplasm, Lung, Bronchus	16	5	21
B19 (7)	Malignant Neoplasm, Breast	—	7	7
B19 (8)	Malignant Neoplasm, Uterus	—	1	1
B19 (10)	Leukaemia	1	2	3
B19 (11)	Other Malignant Neoplasms	6	10	16
B20	Benign and unspecified Neoplasms	—	1	1
B21	Diabetes Mellitus	1	3	4
B23	Anaemias	1	1	2
B24	Meningitis	1	—	1
B46 (5)	Other Diseases of Nervous System	4	—	4
B26	Chronic Rheumatic Heart Disease	2	2	4
B27	Hypertensive Disease	2	8	10
B28	Ischaemic Heart Disease	53	27	80
B29	Other Forms of Heart Disease	11	7	18
B30	Cerebrovascular Disease	10	23	33
B46 (6)	Other Diseases of Circulatory System	8	8	16
B31	Influenza	4	3	7
B32	Pneumonia	3	13	16
B33 (1)	Bronchitis and Emphysema	16	1	17
B33 (2)	Asthma	—	1	1
B46 (7)	Other Diseases of Respiratory System	1	1	2
B34	Peptic Ulcer	—	1	1
B36	Intestinal Obstruction and Hernia	—	1	1
B46 (8)	Other Diseases of Digestive System	3	6	9
B38	Nephritis and Nephrosis	2	1	3
B39	Hyperplasia of Prostate	1	—	1
B46 (9)	Other Diseases, Genito-Urinary System	—	5	5
B46 (11)	Diseases of Musculo-Skeletal System	1	—	1
B42	Congenital Anomalies	2	2	4
B43	Birth Injury, Difficult Labour, Etc.	2	3	5
B44	Other Causes of Perinatal Mortality	1	1	2
BE47	Motor Vehicle Accidents	3	1	4
BE48	All other Accidents	2	8	10
BE49	Suicide and Self-Inflicted Injuries	1	1	2
	Total All Causes	172	166	338

AGE DISTRIBUTION

Group	Male	Female	Total
Under 1 year	9 (12)	9 (10)	18 (22)
1—4	— (1)	1 (1)	1 (2)
5—14	3 (1)	— (—)	3 (1)
15—24	1 (6)	2 (2)	1 (8)
25—34	2 (3)	4 (2)	6 (5)
35—44	9 (2)	3 (4)	12 (6)
45—54	9 (15)	13 (6)	22 (21)
55—64	31 (31)	24 (21)	55 (52)
65—74	51 (48)	39 (38)	90 (86)
75 and over	57 (44)	70 (68)	127 (112)
Total	172 (163)	165 (147)	337 (310)

() indicates figures for 1969

	1970	1969	1968	1967	1966
Average age of all Deaths .	64.9	64.3	65.6	66.6	64.8
Average age of Male Deaths .	62.6	62.5	64.9	66.4	62.6
Average age of Female Deaths	67.2	66.2	66.3	66.8	67.1

MALIGNANT NEOPLASMS — Deaths associated with:

Classification	No. of Deaths			Average Age at Death		Age Range
	Male	Female	Total	Male	Female	
Stomach	4	4	8	64	59	39 — 70
Lung and Bronchus	16	5	21	54	64	
Breast	—	7	7	—	55	
Uterus	—	1	1	—	67	
Others	6	10	16	66	71	

CAUSES OF DEATHS IN INFANTS

Cause	Within 1 week	1 - 4 Weeks	1 Month - 1 Year
Asphyxia	2	—	2
Prematurity	2	1	—
Congenital Abnormality	1	2	2
Atelectasis	2	1	—
Others	1	1	—

EPIDEMIOLOGY

(1) General Health

(a) Record of new claims to sickness benefit received at Basingstoke Department of Health and Social Security.

Per Four Week

Periods of Year	1970	1969	1968	1967	1966
1st	2,764	1,268	—	—	—
2nd	858	1,144	—	—	—
3rd	892	1,498	—	—	—
4th	775	1,082	—	—	—
5th	754	1,013	—	—	—
6th	647	811	—	—	—
7th	517	742	—	—	—
8th	622	729	—	—	—
9th	651	683	—	—	—
10th	810	843	—	—	—
11th	937	830	—	—	—
12th	938	776	—	—	—
13th	991	1,480	V	V	V
Total	12,156	12,899	12,842	9,779	10,734
Working Population	31,935	30,456	28,676	26,722	25,902

New Claims per 1,000 Working

Population	380	423	447	366	410
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Except for the month of January, when new claims reached epidemic proportions, the incidence of claims was spread fairly evenly throughout the year. A mild winter may have accounted for a low number of claims between February and April; the new claims per 1,000 of the working population being the lowest since 1967.

(2) Infectious Diseases

(a) Notifications received during the year were:

	1970	1969	1968	1967	1966
Erysipelas	—	—	—	1	—
Dysentery	7	1	—	—	2
Measles	133	386	14	301	396
Scarlet Fever	3	—	4	4	2
Tuberculosis — Respiratory	3	2	1	1	6
Whooping Cough	9	2	19	19	6
Infective Hepetitis	2	1	4	1	—
Food Poisoning	—	4	—	—	—
Ophthalmia Neonatorum	—	—	—	—	1
Puerperal Pyrexia	—	—	—	—	—
Total	147	396	43	327	413

(b) **Tuberculosis:** The following table indicates the incidence of new cases of Pulmonary Tuberculosis during the year:

Year	Category 0		Category 1		Non-Tuberculous	
	Male	Female	Male	Female	Male	Female
1970	1	—	—	—	—	—
1969	0	2	2	1	9	4
1968	1	2	1	—	17	10
1967	1	2	2	1	16	18

Year	Total No. X-rayed	No. of Cases of Significant P.T. discovered		Incidence of Significant P.T. per 1,000 Examinees
		Male	Female	
1970	8,566	1	—	0.11
1969	3,174	2	3	1.58
1968	7,165	2	2	0.55
1967	4,432	3	3	1.35
1966	6,885	10	1	1.60

This Annual Report will be the last one to cover a complete year of the activities of the Mobile Mass X-ray. A diminishing incidence of Tuberculosis is one of the main reasons for this decision.

Routine X-raying of factories has already ceased and in future return visits will only be undertaken if there has been discovered an active case of Pulmonary Tuberculosis and it is considered impracticable to X-ray the contacts in the Hospital Department. The X-raying of doctors' referrals and Chest Clinic contacts will be undertaken by the Hospital.

(3) Vaccinations and Immunisations

(a) B.C.G.

Year	No. of Children in Selected Group	Parental Refusal, Absent at Tuberculosis Testing or B.C.G. Sessions	Positives	B.C.G. Vaccinated
1970	822	127	111	584
1969*	—	—	—	—
1968	756	187	100	469
1967	660	159	47	454
1966	1,063	266	53	744

*No B.C.G. Vaccinations undertaken.

(b) Smallpox

Age	Primary					Re-Vaccination				
	1970	1969	1968	1967	1966	1970	1969	1968	1967	1966
Under 1 year	—	26	1	25	50	—	—	—	—	—
1-2 years	10	88	288	517	558	—	—	—	—	—
2-4 years	240	430	59	113	114	10	19	4	5	2
5-14 years	44	100	4	26	52	44	129	74	93	75
Total	294	644	352	681	774	54	148	78	98	77

(c) Diphtheria, Whooping Cough and Tetanus

Course	1970	1969	1968	1967	1966
Primary } General Practitioners Course } Local Authority Doctors	300 } 914 614 }	260 } 871 611 }	348 } 907 559 }	382 } 956 574 }	291 } 830 539 }
Booster } General Practitioners Course } Local Authority Doctors	395 } 2,865 1,870 }	536 } 2,129 1,593 }	549 } 2,205 1,656 }	455 } 1,927 1,472 }	244 } 1,596 1,352 }

(d) Poliomyelitis

Course	1970	1969	1968	1967	1966
Primary } General Practitioners Course } Local Authority Doctors	285 } 934 649 }	275 } 720 445 }	341 } 1,235 894 }	288 } 902 614 }	762
Booster } General Practitioners Course } Local Authority Doctors	386 } 1,154 768 }	449 } 1,200 751 }	291 } 980 689 }	208 } 776 568 }	762

(e) Measles

	0 - 1 year	2 - 4 years	5 - 15 years	Total
1970 General Practitioners	—	187	34	221
Local Authority Doctors	5	148	19	172
1969 General Practitioners	86	107	67	260
Local Authority Doctors	277	73	355	705
1968 General Practitioners	40	145	65	250
Local Authority Doctors	81	309	690	1,080

CHILD HEALTH CLINICS

Year	Bramblys Grange		South Ham		Elmwood Way		Kempshott		Oakridge Com. Centre		Oakridge Vivian Rd.		Chineham		Total	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
1970	685	6123	516	4245	509	3950	526	2743	265	1959	391	3875	571	4392	3463	27287
1969	799	6217	494	4158	415	3162	488	2495	295	2479	182	3607	409	2406	3092	24524
1968	837	6876	510	2931	429	4251	353	1605	396	2582	+ 383	3924	223	2038	3131	24207
1967	912	6526	334	3395	395	3050	257	1165	605	2655	+ 154	1973	—	—	2657	18764
1966	863	6166	617	5845	464	3280	343	1334	384	2200	—	—	—	—	2671	18825

A—Total No. of children who attend

B—Total No. of attendances

+ Held at Martin Close

C—Totals of A

D—Totals of B

SOCIAL CONDITIONS AND GENERAL HEALTH SERVICES

Maternity, Child Health and Health Visiting

LIST OF CLINICS

Clinic	Monday		Tuesday		Wednesday		Thursday		Friday	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Bramblys Grange				X	X				X	X
South Ham		X				X				
Kempshott			X							
Elmwood Way		X				X				
Oakridge (Upton Cres.)				X						
Oakridge Methodist Church								X		
Chineham House							X	X		

The attachment of Local Authority Staff to all General Practitioners is now firmly established in the town. The plans for the Health Centre, which had been approved in 1968, were completed during the year.

National Dried Milk, Orange Juice and Cod Liver Oil continue to be distributed largely by the W.V.S. at Chute House. Other food distributing centres located at Bramblys Grange Health Centre, Elmwood Child Health Clinic, Kempshott Post Office and the Chemist at King's Road, South Ham.

Once again I should like to express my thanks to all the numerous voluntary workers who give so much of their time at Child Health Clinics.

District Nursing

The following table shows the numbers of cases attended and visits paid by the General Nurses and Midwives. With the attachment of Health Visiting, Nursing and Midwifery Staff to General Practitioners who are not restricted to geographical or District Council boundaries, the staff concerned follow practice patients. The statistics are therefore in respect of all Nurses and Midwives employed in both Borough and Rural District Council.

Year	Midwifery		General Nursing	
	Cases	Visits	Cases	Visits
1970	122 (257)	6747	792	15970
1969	241 (74)	5804	609	12504
1968	294	6669	580	14966
1967	304	4774	593	12572
1966	291	4419	601	11211

() Early Hospital Discharges

Home Help Service

Year	No. of Applications Received and Investigated	No. not requiring Assistance	Advanced bookings at end of the year
1970	224	82	8
1969	182	61	9
1968	193	66	6
1967	165	44	6
1966	172	39	10

Origin of Notification

Year	Family Doctor	Medical Social Worker	District Nurse/ Midwife Health Visitor	Statutory Organisations & Voluntary Workers	M.S.S.	Other	Total
1970	90	73	25	16	1	19	224
1969	84	46	29	12	2	9	182
1968	82	34	40	1	1	35	193
1967	89	29	32	9	1	5	165
1966	99	24	33	10	1	5	172

Type of Case		1970	1969	1968	1967	1966
Short Term	Maternity	11	30	38	20	31
	General Sickness — Mental —					
	Emergency	7	11	9	12	8
	Post Hospital	26	19	13	17	11
	Child Care	5	3	6	5	4
	Special	2	—	6	1	1
Long Term	Chronic Sickness	22	24	29	29	27
	Aged Sickness and					
	Infirmity	248	216	207	187	175
	Tuberculosis	—	—	1	1	1
	Special	2	—	1	1	—
Total Number of cases assisted		323	301	310	273	258

	1970	1969	1968	1967	1966
Number of cases completed	226	121	126	104	106
Number of Home Helpers in Register at end of year	53	40	60	50	47

Nursery and Child Minders Regulation Act 1948

Year	Number of Nurseries	Number of Children Permitted
1970	120	1164
1969	83	918
1968	28	569
1967	21	464
1966	19	410

A list of nurseries and child minders is kept up-to-date and is available for inspection at the Public Health Department.

Family Planning

	1970	1969	1968	1967	1966
Patients seen	4091	3381	2287	2526	2044
New patients	511	644*	431	581	426
G.P. referred	135	N/A	146	141	108
Health Visitors referred	37	—	—	—	—
Cervical Smears taken	841 (1 positive)	257	189 (1 positive)	—	—
Patients on Oral Contraceptives	3983	N/A	196	—	—

*223 transferred from another Clinic

Appointments should be made at 8 Fairfields Road (telephone number Basingstoke 26980).

ENVIRONMENTAL AND SANITARY CIRCUMSTANCES OF THE AREA

Rainfall

The monthly rainfall figures and the annual total for the five preceding years are as follows:

	mm		mm
January	101.4	July	58.9
February	52.7	August	56.2
March	35.1	September	58.2
April	70.6	October	17.6
May	23.9	November	193.5
June	43.1	December	34.1

Total for 1970 — 745.3 mm.

1969	27.25 in.
1968	32.87 in.
1967	35.79 in.
1966	34.27 in.
1965	29.47 in.

Sewerage and Sewage Disposal

The trunk sewer between Victory Roundabout and the A.30 near Brighton Hill was completed and brought into use.

The contract for extending the sewage treatment works progressed and should be completed in the Summer of 1971.

Public Cleansing

Considerable investigations were undertaken to find a suitable tip site for the final ash from the incinerator and other items which cannot be dealt with at this plant.

Public Water Supply

The sources supplying the Borough are all underground in the chalk formation. All are subject to treatment, and frequent and regular examination has shown that the processes are continually effective in producing a water suitable for public supply purposes. During 1970 no restrictions were imposed regarding quantity.

Samples of raw and treated waters are examined bacteriologically weekly. The number of bacteriological examinations applicable to the Borough (although not solely) are as follows:

	Number tested	% Highly satisfactory
Raw waters before treatment	105	
Treated waters at Head Works	164	100.0
	<hr/> 269 <hr/>	

Service Reservoirs are also examined, and taps in distribution, and lengths of new main are subject to chlorination and bacteriological examination, before being passed for supply purposes.

The raw waters are virtually constant in composition, but chemical analyses are undertaken regularly, with full mineral examination at selected intervals.

Old People's Welfare

I am grateful to Mr. Dean, Senior Area Social Worker, for the following Annual Statistics for the Borough:

Visits, Applications and Admissions to Welfare (Part III) Accommodation:

Year	Visits	Applications	Admissions	Section 47				
1970	214	70	59	—				
1969	279	69	44	—				
1968	243	40	35	—				
1967	189	38	27	—				
1966	261	42	22	1				
Investigations made and referred to:			1970	1969	1968	1967	1966	
Home Help	.	.	.	15	1	1	8	10
Meals on Wheels	.	.	.	22	29	34	30	14
Hospital Bed Service	.	.	.	—	—	—	—	4
Housing Department	.	.	.	—	—	—	2	—
Ministry of Social Security	.	.	.	—	5	11	8	12
Placed in Lodgings	.	.	.	—	—	—	2	—
Blind Visitors	.	.	.	—	3	1	—	1
Miscellaneous	.	.	.	39	16	18	14	22
Visits in respect of Group Dwellings				32	19	23	—	140
Protection of Property	.	.	.	7	2	—	—	—

Chiropody

Clinics were held at Bramblys Grange and Windsor Court during the first part of the year. No clinics were held at Kempshott Village Hall. The following figures show an increasing use of this service.

Year	Number of Patients	Number of Clinics held	Number of Treatments	Domiciliary
1970	310	104	1417	20
1969	—	144	1151	—
1968	—	150	1207	—
1967	—	106	878	—
1966	—	88	730	—

National Assistance Act, 1948, Section 47

No applications were made under this Act during the year.

HEALTH EDUCATION

(1) Food Hygiene

A further course of lectures leading to the Royal Institute of Public Health and Hygiene's "Certificate in Food Handling" was given at the Technical College. Members of the Department were also asked to give individual talks to interested organisations.

Numerous requests for instruction in this field were received from various organisations. The Department dealt with these through visits undertaken by the Public Health Inspectorate.

(2) Home Safety

Home Safety Education is being continued within the Borough and it would appear that more people are becoming aware of the dangers in their homes.

During the past year 11 lectures have been given to Women's Organisations and 3 courses of instructions with examinations have been given to Youth Organisations.

In an effort to cut down the accidents to children, Home Safety Instruction has been given to 20 Tufty Groups for children under 5 years of age, and projects have been undertaken at some schools.

In 1972 it is planned to hold safety weeks on Fire Prevention and Home Safety.

HOUSING

I am indebted to the Basingstoke Development Group for the following information:

During the year 1970 the following new dwelling-houses were completed:

'Borough' Built

	1970	1969	1968	1967	1966
Traditional Type Houses .	Nil	Nil	Nil	Nil	Nil
Traditional Type Flats .	Nil	Nil	Nil	Nil	Nil
Traditional Type Bungalows	Nil	Nil	Nil	Nil	Nil
Maisonettes	Nil	Nil	Nil	Nil	Nil
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	Nil	Nil	Nil	Nil	Nil
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

'Group' Built

	1970	1969	1968	1967	1966
Traditional Type Houses . .	1251	698	601	643	906
Traditional Type Bungalows .	86	3	Nil	3	42
Traditional Type Flats . .	93	118	194	215	55
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	1430	819	795	861	1003
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

'Privately' Built

Houses	391	372	201	183	40
Flats	23	4	4	2	Nil
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	414	376	205	185	40
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Housing Associations . .	31	12	29	4	116
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	1875	1207	1029	1050	1159
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

Public Health Inspections in the Borough

Animal Boarding Establishments Act 1963

The Borough Council licensed one premise under this Act for the boarding of dogs. A number of improvements were carried out during the year at this establishment, including improvements to the ventilation and drainage system.

Caravan Sites and Control of Development Act 1960

Caravan Sites Act 1968

There is one licensed caravan site in the Borough, on which one caravan is sited.

The Council have the Caravan Park at Attwood Close, upon which 95 caravans are sited.

Clean Air Acts 1956 and 1968

Applications for Prior Approval and Notification of Boiler Installation

No. of applications received and approved under Section 3	—
No. of Notifications under Section 3 to install boilers	38
No. of Plans and applications received and approved regarding chimney heights — Section 10	38

Twenty complaints were received during the year concerning air pollution: these involved nuisances from bonfires, demolition contractors and the burning of trade refuse.

Factories Acts 1937/1961

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	14	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	155	30	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding Out-workers' premises)	29	—	—	—
Total	198	30	—	—

DEFECTS:

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	Referred By H.M. Inspector	
Sanitary Conveniences					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
Other Offences	—	—	—	—	—
Total	—	—	—	—	—

Part VIII

Outwork — Wearing Apparel (Making, etc.)

No of outworkers notified	6
No. of inspections	10

Food and Drugs Act 1955

Inspection of Food

Frequent visits were made to food retail shops and a food distribution depot in the Borough, resulting in the following types and quantities of food, totalling 23 tons 1 cwt, 3 qrs. 1 st. 1 lb. 4 ozs., being condemned as unfit for human consumption.

	Tons	cwts.	qrs.	sts.	lbs.	ozs.
Meat from wholesale and retail premises	15	5	2	—	4	4
Cooked meats and meat products	—	—	2	—	6	11
Canned meats	—	6	2	—	8	10 $\frac{3}{4}$
Other canned food	5	3	3	—	7	2 $\frac{1}{4}$
Fresh Fish	—	1	2	—	1	—
Fresh Fruit and Vegetables	—	—	1	—	2	—
Other Food	2	3	2	—	13	8

Food Complaints

The Department dealt with 60 complaints made by members of the public concerning the sale of food. Each complaint received a full investigation, including interviews with retailers, wholesalers and manufacturers. In some instances the offending foods were referred to the Public Analyst or the Ministry of Agriculture, Fisheries and Food Laboratories at Reading for further detailed examination and identification purposes. The results of this procedure have been found to be of great assistance in deciding the appropriate action which should be taken.

Legal Proceeding in connection with offences under the Food and Drugs Act 1955

A manufacturer was fined £25 0s. 0d. with £4 14s. 0d. costs for selling a pork chipolata sausage containing a piece of foreign matter.

A food retailer was fined £20 for selling a meat pie which was mouldy.

A manufacturer was fined £100 for selling two meat pies which were mouldy.

A food retailer was fined £25 for selling a piece of meat containing maggots.

Food Hygiene Regulations 1960

A food retailer was fined £400 with £25 costs for having unclean premises.

Total . . .	Fines £570 0s. 0d.
	Costs £29 14s. 0d.

Milk

There are 43 registered distributors of milk and cream in the Borough, all of whom are licensed on behalf of the Hampshire County Council (as the Food and Drug Authority) and in accordance with the provisions of the Milk (Special Designations) Regulations 1963/65, to sell designated milks.

Milk Sampling

The following table shows the designation, numbers and results of milk samples taken during the year and submitted for bacteriological examination:

Types of Milk		Untreated	Pasteurised	Sterilised	Total
Number of Samples		4	20	—	24
Phosphatase Test	Satis. Unsatis.	— —	18 —	— —	18 —
Methylene Blue Test	Satis. Unsatis.	4 —	18 —	— —	22 —
Turbidity Test	Satis. Unsatis.	— —	— —	— —	— —
Test for Brucella Abortus	Neg. Pos.	4 —	— —	— —	4 —

Ice Cream

There are 126 premises registered within the Borough for the manufacture and/or sale of Ice Cream.

40 samples of Ice Cream were submitted for analysis, with the following results:

Grade 1 — 22

Grade 2 — 7 (includes one sample of soft ice cream)

Grade 3 — 8 (includes one sample of soft ice cream)

Grade 4 — 1

Two samples of Ice Lollies were taken and showed a pH reading less than 4.5.

I am grateful to Mr. J. S. Preston, Chief Sampling Officer for the Hampshire County Council, for the following information relating to Food and Drugs Sampling during the year 1969/70.

"During the year ended 31st March, 1970, the samples procured under the Food and Drugs Act, 1955, included 129 within the Borough of Basingstoke.

Milk Samples

32 samples of milk, including three of "Channel Islands", were obtained; all being satisfactory.

Miscellaneous Samples

97 samples of other articles were procured, three, which were related to consumer complaints, being the subject of adverse reports, as follows:

A wrapped loaf of bread was seriously affected by mould growth and was clearly old stock at the time of sale. The company responsible were not operating a code marking system but it was understood that following this incident such a system was introduced. Proceedings which were taken against the company resulted in a fine of £20 being imposed, together with an order for the payment of £15 4s.0d. costs.

Further proceedings were taken against a firm of potato crisp manufacturers concerning a packet of crisps in which a number of nylon threads were found. A fine of £20 was imposed, together with costs amounting to £14 3s. 0d.

A warning was issued in respect of liqueur chocolates which were badly out of condition, the chocolate cases having collapsed, with the result that the contents had largely evaporated. Inquiries of the packers showed the chocolates to be old stock which had been supplied out of rotation.

General

Attention was also given to the labelling and descriptions of food and drugs in connection with the Labelling of Food Order and the Pharmacy and Medicines Act. No matters of consequence occurred on this occasion."

Food Hygiene Regulations 1955

A total of 1,104 visits were made during the year to various food premises. Generally the standard of hygiene of premises was found to be satisfactory. 118 infringements of the Food Hygiene Regulations were found on inspection but these were of a minor character and were dealt with by informal action.

Summary

Total number of visits to food premises, including mobile shops	1104
Number of premises and vehicles where infringements were found	64
Number of preliminary notices served for structural defects	36
Number of verbal notices	15
Number of defects and other infringements remedied	7

As will be seen, the standard of food hygiene in food shops is very high indeed. Intended occupiers being aware these days of early consultation with the Public Health Inspectors at plans stage, ensures that all necessary equipment, fittings and layout of the premises are in compliance with the Food Hygiene Regulations.

GENERAL INSPECTIONS

As a result of 867 complaints received and routine inspections, 120 notices (written and verbal) were served to remedy matters coming within the purview of the Public Health Department.

HOUSING ACTS 1957/1969

19 dwelling houses in which defects were found have been made fit as the result of informal action.

Improvement Grants

During the year the Council approved a total of 11 Standard and 12 Discretionary Improvement Grants.

Houses Outside Improvement Areas

One Statutory Notice was served on the owner of a property outside an Improvement Area.

Two properties which were the subject of a clearance area in 1969 were demolished this year.

Houses-in-Multiple-Occupation

18 inspections were made during the year of houses-in-multiple-occupation regarding excess number of persons resident and house defects.

Qualification Certificates

The Housing Act, 1969, provides for an owner of a property, who obtains a Qualification Certificate from the Local Authority that the premises are fit, may then apply to the Rent Officer for a revision of the rent paid.

No. of Qualification Certificates applied for	95
No. of Qualification Certificates granted	83
No. of Qualification Certificates refused	12

LICENSING ACT, 1964

Five visits were made to premises requiring registration under this Act. The Borough Council are required to report mainly on the grounds of hygiene and public health as to the suitability of the premises but it was not necessary for any objection to be made to the Magistrates regarding any of the applications.

NOISE ABATEMENT ACT, 1960

The number of complaints under this heading showed an increase over the previous year. Of the 14 complaints made, four concerned noise from industrial premises, six as the result of barking dogs and two concerned noise from neighbours. The two remaining complaints concerned noise from club premises, and a bird scarer.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The number of premises registered under this Act at the end of the year totalled 451, of which 58 were new registrations. There were 284 visits made to these premises, including 171 general inspections, resulting in the finding of 168 defects. These mainly consisted of redecoration; improvements to lighting and ventilation; provision of washing facilities, First Aid equipment and thermometers; all were successfully dealt with by informal action.

Many matters under this Act are of a structural nature and as a result there is close co-operation with the Borough Surveyor's Department to ensure that plans submitted in connection with the building of all new shops and offices are examined by Officers of this Department to ensure compliance with the provisions of the Act.

The large developments being undertaken in the Borough have shown the desirability of co-ordinating meetings of Architects, Heating and Ventilation Engineers, Fire Authority and H.M. Inspector of Factories, together with the Council's own Officers. Meetings of this kind are proving very successful in that they provide an efficient and informative method of dealing at one time with all the legislative matter involved with major development schemes.

PEST CONTROL

General

366 complaints were received during 1970 and 2,089 visits (including surveys) were made to various premises, including dwelling houses, schools, agricultural and business premises.

In connection with rodent control, 2,051 poisoned baits were laid, resulting in 200 "complete takes" and 1,077 "part takes".

As in the previous years, a free service treatment was given to private dwellings but a nominal charge continued to be made for treatment to business premises.

The frequent inspections made in areas where major demolition is undertaken to identify as quickly as possible any rodent infestations has resulted in no serious outbreaks occurring.

Treatment of Sewers

Of the 58 manholes treated for test purposes only 4 showed evidence of an infestation.

Further treatment of the 4 infested manholes, together with adjoining manholes, was carried out and no further infestation discovered.

The Council continued their membership of the North Hants Pest Control Committee and your representatives attended all meetings held during the year.

Miscellaneous Infestations (other than vermin)

A total of 180 infestations under this heading, including 117 wasps nests, were dealt with during the year. In addition, 76 feral pigeons were trapped in the town centre. One roof space was fumigated for bats.

PET ANIMALS ACT, 1951

There are four premises licensed in accordance with this Act in the Borough. Two of these premises trade in a variety of pets; the remaining two trade in tropical fish only.

PETROLEUM (CONSOLIDATION) ACT, 1928

66 premises are licensed to store petroleum spirit and petroleum mixtures. 266 visits were made to these premises during the year to ensure compliance with the conditions of the licence with special regard to the safe storage and handling of these dangerous liquids. The total quantity of petroleum spirit and mixtures stored is 254,565 gallons.

THE GAME ACT, 1831

There are 6 premises from which persons are licensed to deal in game within the Borough.

Water Samples

3 samples of mains water were submitted to the Public Health Laboratory for bacteriological examination and three samples were submitted to the Public Analyst for chemical analysis and all were reported as satisfactory. In addition, five samples were submitted for bacteriological examination from private water supplies.

Swimming Pools

13 samples of water taken from the West Ham Swimming Pool were submitted for bacteriological examination. Six samples were

reported as containing a slight unsatisfactory bacterial content which was corrected, the remaining samples being reported as satisfactory.

16 samples of water taken from the Swimming Pool, Sports Centre, in the new Town Centre, were sent for bacteriological examination and all were reported as satisfactory.

In addition, 23 water samples were taken from other Swimming Pools in the Borough, 12 of which were reported as having an unsatisfactory bacterial count, the remaining samples being reported as satisfactory.

Drainage

Tests

Smoke	3
Coloured Water	1

Infected Rooms and Articles

Rooms disinfected	10
Miscellaneous articles disinfected	—

Infestations

Rooms disinfested	192
Bedding disinfested	14
Miscellaneous disinfestations	1

TABLE I

Classified Statement of Premises Inspected:

Inspections under the Housing Acts	223
Houses-in-Multiple-Occupation	18
Inspections under the Public Health Acts	374
Common Lodging House	3
Moveable Dwellings	57
Verminous Premises	20
Drain Tests	16
In connection with Infectious Diseases	120
Watercourses and Water Sampling	35
Imported Food Regulations Act 1968	95
Food Premises	1041
Ice Cream Premises	45
Dairies and Distributors	18
Offices, Shops and Railway Premises Act 1963	284
Shops Act	145
Factories Act	30
Outworkers	10
Clean Air Acts 1956 and 1958	84
Petroleum Act	266
Noise Abatement Act 1960	91
Schools	11
Pest Control	390

Licensing Act 1964	5
Animal Boarding Establishments Act 1963	2
Pet Animals Act 1951	10
Works in progress	Nil
Re-inspections	191
Miscellaneous visits	837
Interviews	1204
	<hr/>
Total:	5625
	<hr/>

TABLE II

Defective Conditions Recorded:

Water Closets —

Defective flushing cisterns	2
Reconstruction and repairs	Nil

Drains —

Choked drains	1
Defective drains	Nil
Inspection Chambers repaired	Nil

Dustbins —

Defective	4
---------------------	---

Dampness —

Defective roofs	23
Defective gutters and rain water pipes	7
Walls	22

Food Hygiene Regulations —

Food rooms repaired	53
Miscellaneous infringements	65

Offices, Shops and Railway Premises Act, 1963 —

Abstract Posted	26
Accommodation for clothing	6
Facilities for taking meals provided	4
First Aid Equipment	26
Lighting improved	21
Suitable seats provided	3
Temperature improved	2
Thermometers provided	23
Structural alterations and re-decorations	21
Sanitary facilities	13
Washing facilities	17
Staircases and Passages	6
Water Supply	Nil

Miscellaneous Infringements	122
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General —

Defective, etc., walls and ceilings	63
Defective floors	27
Defective windows	32
Defective doors	12
Defective fireplace	2
Defective sinks and baths	2
Defective chimneys	4
Defective roofs	22
Yards repaired and cleansed	1
Accumulations	6
Miscellaneous	11

I should like to record my thanks to the Chairman and Members of the General Purposes Committee for their continued interest and support during the year; also for the co-operation of the Corporation Officers, and for the loyalty and assistance of the Health Department Staff.

C. H. DAVID

Chief Public Health Inspector

